**PAPER 1:**

**Separate Science Physics Higher**

Newton's 1st and 2nd Laws

Renewable and Non-Renewable Energy  
Emission and absorption of thermal radiation (infra-red).  
The Solar System (Geocentric / Heliocentric models)

Gravity and orbits

**Paper 2**

**Separate Science Physics Higher**

Springs / Elasticity / Hooke's Law / Spring extension

Upthrust

AC and DC uses. (National Grid / Electrical safety).